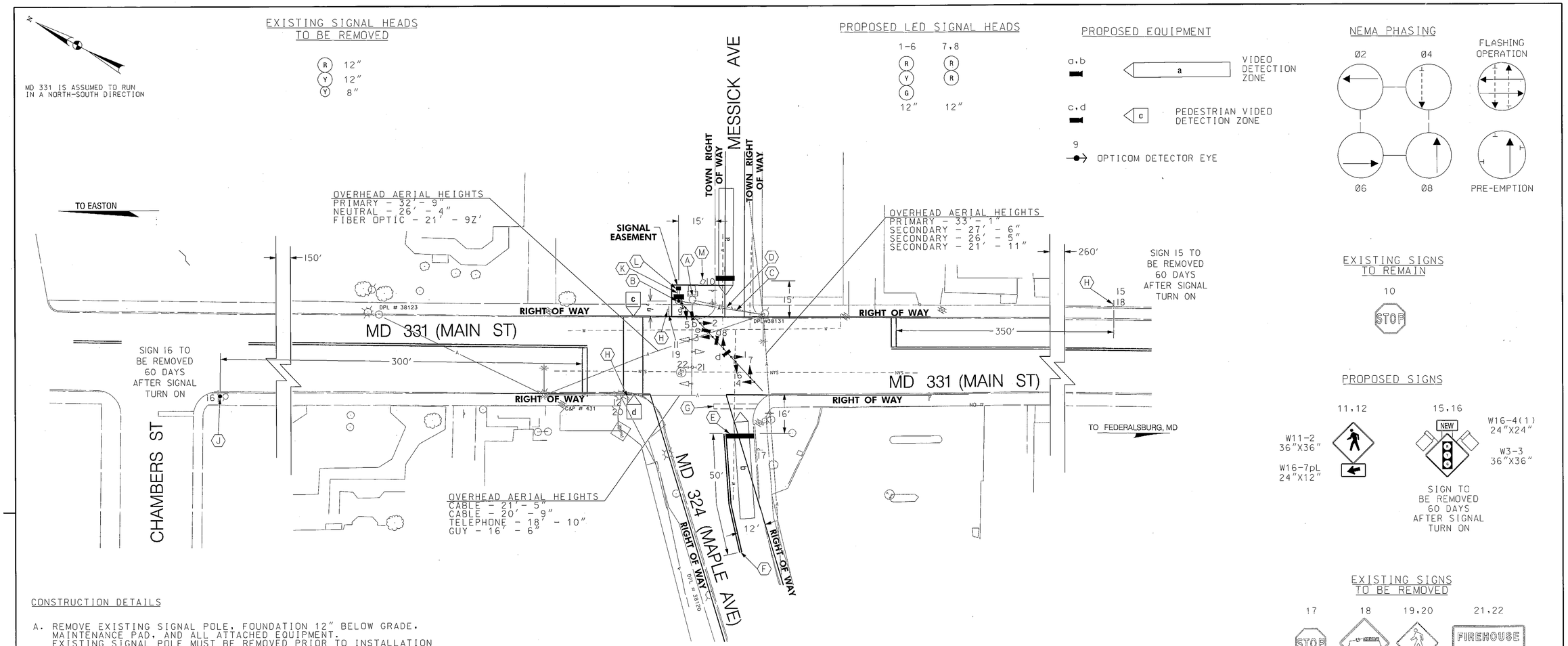

CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL POLE, FOUNDATION 12" BELOW GRADE, MAINTENANCE PAD, AND ALL ATTACHED EQUIPMENT. EXISTING SIGNAL POLE MUST BE REMOVED PRIOR TO INSTALLATION OF PROPOSED SIGNAL FOUNDATION TO PREVENT SOIL CAVE-IN.

B. INSTALL 27 FT. STEEL POLE WITH 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, AND OPTICOM DETECTOR EYE. INSTALL POLE MOUNTED CABINET, CONTROLLER, CONTROL DISTRIBUTION EQUIPMENT, AND 1 IN. GALVANIZED RISER. (INSTALL 2-3" PVC SCHEDULE 80, 90 DEGREE ELECTRICAL CONDUIT BENDS IN POLE BASE).

C. OVERHEAD SERVICE DROP TO BE INSTALLED BY DELMARVA POWER & LIGHT. DPL POLE # 38131.

D. EXISTING OVERHEAD POWER SERVICE TO BE REMOVED BY DELMARVA POWER & LIGHT.

E. INSTALL 24" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.

F. INSTALL 5" HEAT APPLIED DOUBLE YELLOW PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.

G. REMOVE EXISTING PAVEMENT MARKINGs.

H. REMOVE EXISTING SIGN PANEL FROM EXISTING WOOD POST. INSTALL PROPOSED SIGN PANEL(S) ON EXISTING WOOD POST.

J. INSTALL PROPOSED SIGN PANEL(S) ON NEW WOOD POST.

K. INSTALL 3" PVC SCHEDULE 80 CONDUIT - TRENCHED.

L. INSTALL HANDHOLE.

M. REMOVE EXISTING HANDHOLE. CAP AND ABANDON EXISTING CONDUIT.

GENERAL NOTES

1. CROSSWALKS AND RAMP IMPROVEMENTS ARE TO BE COMPLETED BY OTHERS THROUGH THE DISTRICT SAFETY IMPROVEMENTS AND RESURFACING PROJECT: CONTRACT # CO3115177.
2. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
4. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIES CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
8. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

TOD NO:XX443-16
SHA NO:CO413A51/B51
MD 331@MD 324/MESSICK AVE

CENTURY ENGINEERING
CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
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SUITE 101-C
FAIRFAX, VA 22030
PHONE: 703-359-5861
www.t3design.us

BY: AMYM

GEOMETRIC LEGEND	
———	EXISTING
———	PROPOSED

UTILITY LEGEND	
—SD—SD—	STORM DRAIN
—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES
—F—F—	FIBER-OPTIC

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DIVISION
CHIEF TRAFFIC ENGINEERING DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

REVISIONS

Ⓐ SHA NO. XX4435185 12-11-09
UPGRADE EMERGENCY SIGNAL TO FULL SIGNAL OPERATION
AJM MF DAS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 331 (MAIN ST) AT MAPLE AVE / MESSICK AVE

PRESTON, MARYLAND

SIGNAL PLAN

SCALE 1"=20' DATE 8-11-00 CONTRACT NO. CO571A511B51

DESIGNED BY
DRAWN BY S. CHERNACK
CHECKED BY N. LEARY
F.A.P. NO.
COUNTY CAROLINE
LOGMILE 05033101.03
T.I.M.S. NO. I936
TOD NO.

TS NO. TS-4003A DRAWING NO. OF SHEET NO. 1 OF 2

PLOTTED: Friday, December 11, 2009 AT 05:24 PM
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